

PATENT
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IN THE CLAIMS

1.-27. (Canceled)

28. (Previously Presented) A method for defining a control zone in a field of view of a motion video camera, said method comprising the steps of:

displaying motion video data representative of the field of view of the motion video camera;

receiving indication of a tracking zone within the field of view;

receiving indication of a selected region within the tracking zone having a selectable control zone type; and

receiving indication of a control zone size for the selected region within the tracking zone.

29. (Previously Presented) The method according to claim 28 further comprising the step of displaying graphics representative of the control zone size in association with the field of view and the motion video data.

30. (Previously Presented) The method according to claim 28 wherein the control zone type is selected from the group consisting of tracking, black-out, exclusion, entry and privacy.

31. (Previously Presented) A video surveillance method executed according to the control zone defined in claim 28, said method comprising the steps of:

(a) detecting movement in a field of view of the motion video camera;

(b) determining if a moving object is in a tracking origination zone;

(c) defining the moving object if the moving object is in a tracking origination zone; and

(d) tracking the defined moving object.

32. (Previously Presented) The video surveillance method according to claim 31 further comprising the steps of:

- (e) determining if the defined moving object has entered a new control zone type;
- (f) determining if the new control zone type is a tracking continuation zone; and
- (g) repeating step (d) to (f) if the new control zone type is a tracking continuation zone.

33. (Previously Presented) The video surveillance method according to claim 31 further comprising the steps of:

- (e) determining if the defined moving object has entered a new control zone type;
- (f) determining if the new control zone type is a tracking continuation zone; and
- (g) ceasing tracking of the defined moving object if the new control zone type is not a tracking continuation zone.

34. (Currently Amended) The video surveillance method according to claim 31 wherein the control zone type is selected from ~~the group consisting~~ at least one of tracking, black-out, exclusion, entry and privacy.

35. (Previously Presented) The video surveillance method according to claim 34 wherein a tracking zone is a tracking origination zone and a tracking continuation zone and defines a region in which motion is monitored in the field of view of the motion video camera.

36. (Previously Presented) The video surveillance method according to claim 34 wherein a privacy zone only monitors movement.

37. (Previously Presented) The video surveillance method according to claim 34 wherein an exclusion zone is a tracking continuation zone.

38. (Previously Presented) The video surveillance method according to claim 34 wherein an entry zone is a tracking origination zone and a tracking continuation zone.

39. (Previously Presented) The video surveillance method according to claim 34 wherein a black-out zone is not monitored for movement.

40. (Previously Presented) A system for defining control zones of different types in a field of view of a motion video camera, said system comprising;

a database containing a description for each of a plurality of control zone types;

means for defining a plurality of control zones in a selected area of the field of view of the motion video camera, said control zones being of a type selected from said plurality of control zone types in said database and defining a tracking behavior for the control zone; and

means for displaying a received motion video signal from the motion video camera including an indication of said defined control zones.

41. (Previously Presented) The system according to claim 40 wherein said means for displaying includes means for providing a graphical representation of a size of said selected area of the field of view with the received motion video signal.

42. (Previously Presented) A video surveillance system using a motion video camera having control zones in the field of view thereof as defined in claim 40, said system comprising:

means for detecting movement in the field of view of the motion video camera;

means for determining a current control zone of the moving object; means for defining the moving object dependent on the current control zone of the moving object; and

means for performing a tracking operation of the defined moving object dependent on a control zone type of the current control zone.

43. (Previously Presented) A computer readable medium having stored thereon computer-executable instructions for defining a control zone in a field of view of a motion video camera performing the steps comprising:

displaying motion video data representative of the field of view of the motion video camera;

receiving indication of a tracking zone within the field of view;

receiving indication of a selected region within the tracking zone having a selectable control zone type; and

receiving indication of a control zone size for the selection region within the tracking zone.

44. (Previously Presented) The computer readable medium according to claim 43 further including the step of displaying graphics representative of the control zone size in association with the motion video data.

45. (Previously Presented) The computer readable medium according to claim 43 wherein the control zone type is selected from the group consisting of tracking, black-out, exclusion, entry and privacy.

46. (Previously Presented) A computer readable medium having stored thereon computer-executable instructions for executing motion video camera surveillance according to the control zone defined in claim 43 performing the steps comprising:

- (a) detecting movement in a field of view of a motion video camera;
- (b) determining if a moving object is in a tracking origination zone;
- (c) defining the moving object if the moving object is in a tracking origination zone; and
- (d) tracking the defined moving object.

47. (Previously Presented) The computer readable medium according to claim 46 further comprising the steps of:

- (e) determining if the defined moving object has entered a new control zone type;

- (f) determining if the new control zone type is a tracking continuation zone; and
- (g) repeating step (d) to (f) if the new control zone type is a tracking continuation zone.

48. (Previously Presented) The computer readable medium according to claim 46 further comprising the steps of:

- (e) determining if the defined moving object has entered a new control zone type;
- (f) determining if the new control zone type is a tracking continuation zone; and
- (g) ceasing tracking of the defined moving object if the new control zone type is not a tracking continuation zone.

49. (Currently Amended) The computer readable medium according to claim 46 wherein the control zone type is selected from ~~the group consisting~~ at least one of tracking, black-out, exclusion, entry and privacy.

50. (Previously Presented) The computer readable medium according to claim 49 wherein a tracking zone is a tracking origination zone and a tracking continuation zone and defines a region in which motion is monitored in the field of view of the motion video camera.

51. (Previously Presented) The computer readable medium according to claim 49 wherein a privacy zone only monitors movement.

52. (Previously Presented) The computer readable medium according to claim 49 wherein an exclusion zone is a tracking continuation zone.

53. (Previously Presented) The computer readable medium according to claim 49 wherein an entry zone is a tracking origination zone and a tracking continuation zone.

54. (Previously Presented) The computer readable medium according to claim 49 wherein a black-out zone is not monitored for movement.